



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/553,680	10/17/2005	Kumar Kirti Trivedi	KS9219PCT(US)	1836
22203	7590	11/28/2007	EXAMINER	
KUSNER & JAFFE HIGHLAND PLACE SUITE 310 6151 WILSON MILLS ROAD HIGHLAND HEIGHTS, OH 44143			PHAM, JOHN D	
			ART UNIT	PAPER NUMBER
			4171	
			MAIL DATE	DELIVERY MODE
			11/28/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/553,680	Applicant(s) TRIVEDI, KUMAR KIRTI	
	Examiner John D. Pham	Art Unit 4171	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>17, October, 2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-11 are presented for examination.
2. The claims and only the claims form the metes and bounds of the invention.
“Office personnel are to give claims their broadest reasonable interpretation in light of the supporting disclosure. In re Morris, 127 F.3d 1048, 1054-55, 44 USPQ2d 1023, 1027-28 (Fed. Cir. 1997). Limitations appearing in the specification but not recited in the claim are not read into the claim. In re Prater, 415 F.2d 1393, 1404-05, 162 USPQ 541, 550-551 (CCPA 1969)” (MPEP p 2100-8, c 2, I 45-48; p 2100-9, c 1, I 1-4). The Examiner has full latitude to interpret each claim in the broadest reasonable sense. The Examiner will reference prior art using terminology familiar to one of ordinary skill in the art. Such an approach is broad in concept and can be either explicit or implicit in meaning.

Priority

3. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file. The priority date of August 11, 2003 is given.

Information Disclosure Statement

4. The information disclosure statement (IDS) submitted on 17 October, 2005 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure

statement is being considered by the examiner. There are three documents were not considered because:

- i. US patent number 2002/175915 could not be found with the inventor named on the document and is not art related.
- ii. France patent number FR 2553958 abstract translation copy is missing.
- lii WO 0225944 translation copy is missing.

Drawings

5. The drawings are objected to under 37 CFR 1.83(a) because they fail to show item 11 of figure 2 and 3, item 18 of figure 5 as described in the specification (specification, page 5, paragraph [0116] and page 6, paragraph [0120]). Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after

the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

6. The disclosure is objected to because of the following informalities: there is no detail description of item 9 of Figure 5 on the specification. Appropriate correction is required.

This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure

concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Ko (US Pat. No. 6522419).

As to claim 1, Ko disclose:

A portable, integrated, electronic, interactive device for community learning, data transmission, entertainment, and public governance comprising:

(a) a housing (Ko, Figure 9);

(b) said housing accommodating a plurality of sub-assemblies (Ko, figure 2(A))

(c) said sub-assemblies including: i. a computational circuit for generating, receiving, processing, and data input through an input device and adapted to be connected to a network, as well as various digital data communication devices

Art Unit: 4171

(Ko, column 1 line 66 to column 2, line 1-13);

and ii. a recording device for recording, reproducing and storing audio, video and/or digital data onto and/or from an external disk and an internal storage unit coupled to said computational circuit (Ko, column 1, line 66 to column 2, line 8);

iii. a television tuner card coupled to said recording device and adapted to receive a plurality of television signal data (Ko, figure 1, item "TV Turner");

iv. a projecting device for projecting video and digital data into a predetermined ultra large size image over a surface external to the housing; coupled to said recording device, computational circuit and television tuner card (Ko, figure 1 and column 2, line 31-35);

wherein said sub-assemblies are in pre-connected relationship with each other whereby the device is extremely compact, portable and easy to use (Ko, figure 1 and column 1, line 50-60).

As to claim 2, Ko disclose:

The device according to claim 1 wherein the housing further comprises an audio amplifier circuit operable in conjunction with the sub-assemblies. (Ko, column 2, line 31-35). Ko disclose the multimedia presentation system has CDROM, DVD drive (Ko, column 1, line 66-67) , speakers (Ko, column 2, line 31- 35) and playing music (Ko, column 1, line 62 – 65). Therefore, the audio amplifier circuit must be in the Ko's multimedia presentation device in order to output amplified audio signal through the speakers.

As to claim 3, Ko disclose:

The device according to claim 1 wherein the sub-assemblies are operable by a single ON-OFF switch (Ko, column 4, line 50-55).

As to claim 4, Ko disclose:

The device according to claim 1 wherein the housing comprises a front panel and a rear panel and/or the sub-assemblies are operated by an ON-OFF switch located at the front panel of the housing (Ko, column 3, line 39-45).

As claim 5, Ko disclose:

The device as claimed in claim 1 wherein the computational circuit is preferably a multimedia computer (Ko, column 3, line 7 –13).

As claim 6, Ko disclose:

The device according to claim 1 wherein the recording device for recording, reproducing and storing audio, video and/or digital from an external disk is an audio CD player, a VCD player, a DVD player, an MP3 player, a CD-R/CD-RW or a combination apparatus thereof (Ko, figure 1 and column 1, line 65 to column 2, line 19).

As claim 7, Ko disclose:

The device according to claim 1 combined with an ultra large size display and wherein the size of the ultra large size display is preferably in the range of about 21 inches to about 300 inches diagonal measure (Ko, column 2, line 31-35). At the time of invention it is well-known for one of ordinary skill in the art that beam projector can enlarge

displayed image and the diagonal size of the screen can be in the range of 20 inches up to 300 inches.

As claim 8, Ko disclose:

The device according to claim 1 wherein the housing comprises a plurality of ports at the rear panel for connecting the device to a network, input for receiving television signals through cable or antenna (Ko, figure 2B and column 2 line 1-6 and column 3, line 39-43) .

As claim 9, Ko disclose:

The device according to claim 1 wherein a common power supplies power to the sub-assemblies (Ko, column 3 line 39-45) ; and/or a remote control is used to control the operation of the sub-assemblies (Ko, column 4, line 11-16). At the time the invention it is well-known for one of ordinary skill in the art the computer system board, the input and output devices use different power voltages from the power sources.

As claim 10, Ko disclose:

The device according to claim 1 wherein the sub-assemblies (ii), (iii) and (iv) are configured as a first module (Ko, figure 1, item 101-117) and the sub-assembly (i) is configured as a second module (Ko, figure 1, item "IECPU").

As claim 11, Ko disclose:

The device according to claim 10 wherein: the first module is a data module (Ko, figure

1, item "IECPU");

and/or the second module is a projection module (Ko, column 4, line 43-44);

and/or the first module is located adjoining above or besides the second module (Ko, figure 9, item "lens" of the projector on top of the housing unit);

and/or the first module and the second module are arranged in back-to-back adjoining configuration (Ko, figure 7).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John D. Pham whose telephone number is 571-270-1590. The examiner can normally be reached on Monday-Friday 8:00AM - 5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ramesh Patel can be reached on 571-272-3688. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 4171

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

John Pham
November 19, 2007

/John D. Pham/
Examiner, Art Unit 4171

/Ramesh B. Patel/
Supervisory Patent Examiner, Art Unit 4171

